PRODUCT SPEC SHEET

GEFORCE MX4000
64MB DDR TV OUT

Part Number: PVT18LQT

Processor: GEFORCE MX4000
RAMDACs: 350MHz
Maximum Resolution: 2048 x 1536
Memory Configuration: 64MB DDR
Video Out Connections: D-Shell (15-pin) VGA, TV Out

Features & Benefits

Accuview Antialiasing
The Accuview Antialiasing subsystem with advanced multisampling hardware delivers full-scene antialiased quality at performance levels never before seen.

Lightspeed Memory Architecture II
LMA II boosts effective memory bandwidth by up to 300%. Radical new technologies-including Z-occlusion culling, fast Z-clear, and auto pre-charge-effectively multiply the memory bandwidth to ensure fluid frame rates for the latest 3D and 2D games and applications.

Unified Driver Architecture (UDA)
Guarantees forward and backward compatibility with software drivers. Simplifies upgrading to a new NVIDIA product because all NVIDIA products work with the same driver software.

8X AGP
Provides double the bandwidth of AGP 4X-2.1GB/sec. vs. 1.1BG/sec. AGP 8X enables more complex models and detailed textures, creating richer and more lifelike environments. Uninterrupted data flow allows for smoother video streaming and faster, more seamless gameplay.

Highest Quality and Highest Performance Microsoft Windows XP Support
Fully accelerates Windows XP multimedia and user interfaces, making it the ideal Windows XP graphics solution.

Video Processing Engine (VPE)
Integrated high-definition Video Processing Engine delivers the highest quality DVD, video, and display output available in the market today. Integrated hardware MPEG2 decoder reduces CPU utilization for DVD playback to provide a longer viewing experience. Integrated TV Encoder Supporting 1024x768 Resolution Provides best-in-class TV-out functionality.

Lossless Z-Compression
LMA II contains a lossless form of Z-compression that delivers a 4:1 benefit. Compression is a crucial technique in saving memory bandwidth for higher performance.

MX Memory Crossbar
Dual memory controllers allow more efficient utilization of memory bandwidth.

Integrated 350MHz DACs

Quad Cache
LMA II contains a caching system for primitives, vertices, textures and pixels. These caches are individually dedicated and optimized for almost instant graphics pipeline access and reuse.

Specifications

System Requirements
- Pentium® II/Celeron™, AMD® K6-2/Duron® or compatible
- AGP 2X or AGP 2X/4X universal slot
- 32MB of system memory
- Installation software requires CD-ROM drive
- DVD playback requires DVD drive

Recommended
- Pentium® 4/III or AMD® Athlon®
- 128MB of system memory

Graphics controller
GEFORCE MX 4000
- 256 bit graphics accelerator

Memory Configuration
- 64 MB

Operating systems support
- Microsot Windows 95
- Microsot Windows 98
- Microsoft Windows 2000
- Microsoft Windows ME
- Microsoft Windows NT 4
- Microsoft Windows XP

Monitor support
- D-shell (15-pin) VGA connector

Display support
- Register compatible with VGA
- TV out Module enabling big-screen gaming.

Features
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- Lightspeed Memory Architecture II
- Unified Driver Architecture (UDA)
- 8X AGP
- Highest Quality and Highest Performance Microsoft Windows XP Support
- Video Processing Engine (VPE)
- Lossless Z-Compression
- MX Memory Crossbar
- Integrated 350MHz DAC
- Quad Cache

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